

Work Order ID 85641

85641

Page 1

Tuesday, June 12, 2012 2:37:56 PM

Item ID: D350-607-545 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Heli-Utility-Basket
 Start Date: 6/12/2012 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 6/26/2012 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: *mf* Date: *12-06-12* Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-3	A

100 DOCUMENT CONTROL 0.00
100
 DC Memo 0.00
 Document Control Photocopy bluefile & type labels per PPPD350-607-545 CHG003 *Sprague*

ML *12/06/19*

110 Pick Kit 0.00
110
 Packaging Memo 0.00
 Packaging ~~****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label ****~~ *W/25*

K *SP*
12-6-19.

115 QC5- Inspect part completeness to spec on W/O 0.00
115
 QC Memo 0.00
 Quality Control ~~***Inspect label on lid***~~ *W/25*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 85641***85641***

Page 2

Item ID: D350-607-545

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli-Utility-Basket

Start Date: 6/12/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 6/26/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-545

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 12/06/20

ME
12-06-20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 12, 2012 2:37:54 PM

Page 1

Work Order ID: 85641
Parent Item: D350-607-545
Parent Item Name: Heli-Utility-Basket

Start Date: 6/12/2012 Required Date: 6/26/2012
Start Qty: 1.00 Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL IPP REV:B 10-08-19 AS PER
REV.A DD VERF BY:EC IPP Rev:C 11.02.09 add to install label DD verf
by:EC IPP REV:D 12.03.06 AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

~~D350-607-545~~ *Chlorine*
Quick Release Basket Mounting Installation

Location Loc Qty Loc Code

PK13 3
85131 1
85132 1
~~85133~~ 1

~~D2690-6~~
Lanyard Assembly

Location Loc Qty Loc Code

ST014 16
83360 16

~~D3912-041~~
Eyebolt Receiver Assembly

~~D4032-041~~
Short Basket Assembly (350)

~~D4085-3~~
Placard, Instructions

Location Loc Qty Loc Code

ST092 6
83657 6

~~D4086-220~~
Placard, Max Load

Location Loc Qty Loc Code

ST093 20
69500 2
84149 18



B185756 SP
B185642 SP

12-6-19
IX

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 12, 2012 2:37:54 PM

Page 2

Work Order ID: 85641

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 6/12/2012

Required Date: 6/26/2012

Start Qty: 1.00

Required Qty: 1.00

D4151-041

Basket Fwd Hardpoint Assembly, Lower

Manufactured No

110 Each 3.0000

Location

Loc Qty

Loc Code

GA

-4

ST103

7

84985

3

D4151-043

Basket Fwd Hardpoint Assembly, Upper

Manufactured No

110 Each 1.0000

Location

Loc Qty

Loc Code

ST103

1

84986

1

D4150-041

Attachment Arm Assembly

Manufactured No

110 Each 1.0000

Location

Loc Qty

Loc Code

ST103

1

84987

1

AN4-15A

Bolt

Purchased No

110 Each 1,126.0000

Location

Loc Qty

Loc Code

ST357

1126

120187

19

120422

2

120770

105

121652

1000

AN4C15

BOLT

Purchased No

110 Each 50.0000

Location

Loc Qty

Loc Code

ST358

50

120124

1

121146

49

Tuesday, June 12, 2012 2:37:55 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 12, 2012 2:37:55 PM

Page 3

Work Order ID: 85641

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 6/12/2012

Required Date: 6/26/2012

Start Qty: 1.00

Required Qty: 1.00

AN310G4
Nut Purchased No 110 Each 32.0000

Location	Loc Qty	Loc Code
ST344	32	
120360	7	
121166	3	
121444	22	

MS17984-C413
PIN, QUICK RELEASE Purchased No 110 Each 23.0000

Location	Loc Qty	Loc Code
ST315	3	
114340	1	
118612	2	
ST333	20	
121350	20	

MS21042L4
Nut Purchased No 110 Each 3,349.0000

Location	Loc Qty	Loc Code
ST300	3349	
119075	116	
121011	232	
121444	2701	
121652	300	

MS24665-151
Cotter Pin Purchased No 110 Each 194.0000

Location	Loc Qty	Loc Code
ST309	194	
17566	194	

Tuesday, June 12, 2012 2:37:55 PM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 12, 2012 2:37:55 PM

Page 4

Work Order ID: 85641

Parent Item: D350-607-545

Parent Item Name: Heli-Utility-Basket

Start Date: 6/12/2012

Required Date: 6/26/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1515H41

WASHER

Purchased

No

110

Each

413.0000

2

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

405

118705

12

120390

393

NAS1149F0432P

Washer

Purchased

No

110

Each

642.0000

12

Location

Loc Qty

Loc Code

ST275

642

121350

642

NAS1149C0463R

Washer

Purchased

No

110

Each

833.0000

3

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

832

117735

17

119097

815

Tuesday, June 12, 2012 2:37:55 PM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

• COPYRIGHT © 2010 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: A

Date: 10.06.28